

**Abstract**

A processor includes at least a portion of a first split transmit and receive media access controller (MAC), the split transmit and receive MAC having a transmit unit and a receive unit physically separated from one another. An interface for directing signals between the transmit unit and the receive unit of the first split transmit and receive MAC is configurable to multiplex the signals with other signals directed between a transmit unit and a receive unit of at least a second split transmit and receive MAC. The interface may comprise a plurality of channels, each having one or more ports associated therewith, wherein a given signal to be directed between transmit and receive units of a given split transmit and receive MAC is assigned to a particular channel and port of the interface.